ABSTRACT

A stepping motor includes a rotor with a permanent magnet, a rotary shaft extending from the rotor and a stator placed around the rotor. The stepping motor comprises a stator core placed on one end section in a motor axial line direction of the stator, a bearing plate that includes a bearing for rotatably supporting the rotary shaft and is placed at an end section of the stator adjacent to the stator core, and an end plate fixed to an end surface of the stator core on an outer circumference side of the bearing plate. The stator core includes a plurality of salient poles that bend in the motor axial line direction at an inner circumferential edge of the stator core to oppose the permanent magnet, and concave sections that recede in the radial direction and formed between the bent parts of the salient poles. The end plate is affixed to an end surface of the stator core on an outer circumference side of the bearing plate, wherein the bearing plate has a plurality of engaging sections that hook on the end surface of the stator core and a plurality of convex sections that protrude towards inside of the concave sections of the stator core and hook on an end surface of the end plate.